

From: [R6HarveyRICT](#)
To: [R6HarveyInfo](#)
Subject: FW: TAGA Update - Text from Dave Mickunas
Date: Tuesday, September 5, 2017 11:18:18 PM
Attachments: [image001.png](#)

From: Mason, Steve
Sent: Tuesday, September 5, 2017 11:18:16 PM (UTC-06:00) Central Time (US & Canada)
To: Webster, Susan; Crossland, Ronnie
Cc: McAteer, Mike; Lyssy, Gregory; R6HarveyRICT; Carroll, Craig; Smith, Monica
Subject: RE: TAGA Update - Text from Dave Mickunas

Benzene **10 min 30 min 60 min 4 hr 8 hr**

ppm (12/12/06)

| | | | | | |
|---------------|-------|-------|-------|-------|-----|
| AEGL 1 | 130 | 73 | 52 | 18 | 9.0 |
| AEGL 2 | 2,000 | 1,100 | 800 | 400 | 200 |
| AEGL 3 | ** | 5,600 | 4,000 | 2,000 | 990 |

Toluene **10 min 30 min 60 min 4 hr 8 hr**

ppm

| | | | | | |
|---------------|--------|-------|-------|-------|-------|
| AEGL 1 | 67 | 67 | 67 | 67 | 67 |
| AEGL 2 | 1,400 | 760 | 560 | 310 | 250 |
| AEGL 3 | 10,000 | 5,200 | 3,700 | 1,800 | 1,400 |

Xylene **10 min 30 min 60 min 4 hr 8 hr**

ppm

| | | | | | |
|---------------|-------|-------|-------|-------|-------|
| AEGL 1 | 130 | 130 | 130 | 130 | 130 |
| AEGL 2 | 2,500 | 1,300 | 920 | 500 | 400 |
| AEGL 3 | ** | 3,600 | 2,500 | 1,300 | 1,000 |

Level 1

- Notable discomfort, irritation, or certain asymptomatic non-sensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.

Level 2

- Irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.

Level 3

- Life-threatening health effects or death.

Below AEGL Level 1

Airborne concentrations below the AEGL-1 represent exposure levels that could produce mild and progressively increasing but transient and non-disabling odor, taste, and sensory irritation or certain asymptomatic, non-sensory effects. With increasing airborne concentrations above each AEGL, there is a progressive increase in the likelihood of occurrence and the severity of effects described for each corresponding AEGL.

With Regards, Steve



Stephen Mason
EPA Region 6 (BSF-PE)
1445 Ross Avenue, Dallas, TX 75202
214-665-2276
mason.steve@epa.gov

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

From: Mason, Steve

Sent: Tuesday, September 05, 2017 10:46 PM

To: Webster, Susan <webster.susan@epa.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>

Cc: McAteer, Mike <mcateer.mike@epa.gov>; Lyssy, Gregory <lyssy.gregory@epa.gov>;

R6HarveyRICT <R6HarveyRICT@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; Smith, Monica <smith.monica@epa.gov>

Subject: RE: TAGA Update - Text from Dave Mickunas

Benzene...

IDLH – 500 ppm...

TWA – 0.1 ppm...

Toluene

IDLH – 550 ppm...

TWA – 100 ppm...

Xylene

IDHL – 900 ppm...

TWA – 100 ppm...

With Regards, Steve



Stephen Mason
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1445 Ross Avenue, Dallas, TX 75202
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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

From: Webster, Susan

Sent: Tuesday, September 05, 2017 10:31 PM

To: Crossland, Ronnie <Crossland.Ronnie@epa.gov>

Cc: McAteer, Mike <mcateer.mike@epa.gov>; Mason, Steve <mason.steve@epa.gov>; Lyssy, Gregory <lyssy.gregory@epa.gov>; R6HarveyRICT <R6HarveyRICT@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; Smith, Monica <smith.monica@epa.gov>

Subject: FW: TAGA Update - Text from Dave Mickunas

Per your request;)

From: Schuette, Megan

Sent: Tuesday, September 05, 2017 10:15 PM

To: Webster, Susan <webster.susan@epa.gov>

Subject: TAGA Update - Text from Dave Mickunas

Monitored the neighborhood extensively – low level benzene was observed at many locations -> 1 ppbv – saw a narrowly defined plume with max benzene at ~19 ppbv – toluene and xylene were also observed at relatively low levels except in a couple of small plumes – both compounds less than ~ 20 ppbv